

REMARKS

In response to the Notice of Non-Compliant Amendment, claims 1-47 have been listed. Claims 130, 178, 335 have been amended to address the Examiner's comments as discussed in more detail below.

Objections

Claim 178 has been amended to recited "under" as requested by the Examiner.

Rejections

Claim 130 has been amended to change SEQ ID NO:63 to SEQ ID NO:66, as suggested by the Examiner.

Claim 335 has been amended in analogous fashion to claim 64 in the previous response.

Remarks regarding claim 48 and analogous claims

The Examiner says that the language of claim 48 does not include vector sequences within the scope of the claim. In reply, applicants would state that the scope is more accurately characterized as neither requiring nor excluding vector sequences. It is evident from claim 51 that the isolated nucleic acid of claim 48 can exist as part of a vector. Thus, claim 48 is open to this possibility, but does not require, the recited isolated nucleic acid being part of a vector.

Double patenting

A terminal disclaimer is provided with respect to US Application No. 11/090,399.

Applicants also update the list of related applications and patents drawn to the Examiner's attention in the last response. US Application No. 09/730,329 was inadvertently

Application No. 09/471,669

Amendment dated November 30, 2007

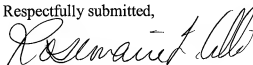
Reply to Notice of Non-Compliant Amendment mailed November 6, 2007

PATENT

omitted from the previous list. US Application No. 09/723,722 has now granted as US 7,115,410. US Application No. 11/090,866 has now granted as US 7,252,963. US Application No. 11/090,399 has now granted as US 7,262,043. US Application No. 11/090,872 has granted as US 7,276,349.

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 650-326-2400.

Respectfully submitted,



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